

No 1 JANUARY 1991

FETAL AND NEONATAL EDITION

Annotations

- 1 Assisted reproduction and its implication for paediatrics *Malcolm I Levene*
 3 Development of intestinal motility *W Michael Bisset*

Original articles

- 6 Doppler assessment of pulmonary artery pressure in extrapulmonary shunting in the acute phase of hyaline membrane disease *N J Evans, L N J Archer*
 12 Cyclical variations in cerebral blood flow velocity *M Y Anthony, D H Evans, M I Levene*
 17 Gastrointestinal blood flow velocity after the first feed *G Gladman, D G Sims, M L Chiswick*
 21 Evaluation of a taurine containing amino acid solution in parenteral nutrition *L Thornton, E Griffin*
 26 Pulmonary intravascular lipid in neonatal necropsy specimens *J W L Puntis, D I Rushton*
 29 Neonatal screening for cystic fibrosis in Wales and the West Midlands: clinical assessment after five years of screening *S Chatfield, G Owen, H C Ryley, et al*
 34 Controversies in the management of gastroschisis: a study of 40 patients *M D Stringer, R J Bereton, V M Wright*
 37 Nutrition and bronchopulmonary dysplasia *D C Wilson, G McClure, H L Halliday, et al*
 39 Endotracheal resuscitation of neonates using a rebreathing bag *C J Upton, A D Milner*
 43 Atrial natriuretic factor and postnatal diuresis in respiratory distress syndrome *Henry J Rozycki, Stephen Baumgart*
 48 Association of pneumothorax and hypotension with intraventricular haemorrhage *Dariusz Mehrabani, C W Gowen Jr, Arthur E Kopelman*
 52 Increased incidence of respiratory distress syndrome in babies of hypertensive mothers *T R J Tubman, M D Rollins, C Patterson, et al*
 55 Prolonged low dose indomethacin for persistent ductus arteriosus of prematurity *Janet M Rennie, Richard W I Cooke*
 59 Light transmission measurements and phototherapy eyepatches *Judith Robinson, Merrick J Moseley, Alistair R Fielder, et al*

Current topic

- 62 Anticonvulsants in pregnancy *Roy Meadow*

Personal practice

- 66 Resuscitation of the newborn *A D Milner*

Current problem

- 70 Pathophysiology of apnoea in preterm infants *N R Ruggins*

Regular review

- 74 Treatment of persistent pulmonary hypertension of the newborn: update *Yousef K Abu-Osba*

Perinatal lesson from the past

- 78 Francois Mauriceau (1637–1709) and maternal posture for parturition *P M Dunn*

- 80 Book review

Annotations

- 81 Respiratory rate and pneumonia in infancy *Stephen Berman, Eric A F Simoes, Claudio Lanata*
 85 Tests for growth hormone secretion *C G D Brook, P C Hindmarsh*
 88 Ethnic differences in infant health *Maggie Pearson*
 91 Neuroleptic malignant syndrome *Jeremy Turk, Bryan Lask*

Original articles

- 93 Elemental diet for refractory atopic eczema *J Devlin, T J David, R H J Stanton*
 100 Baby Check: a scoring system to grade the severity of acute systemic illness in babies under 6 months old *C J Morley, A J Thornton, T J Cole, et al*
 106 Field trials of Baby Check score card: mothers scoring their babies at home *A J Thornton, C J Morley, S J Green, et al*
 111 Field trials of the Baby Check score card in general practice *C J Morley, A J Thornton, S J Green, et al*
 115 Field trials of the Baby Check score card in hospital *A J Thornton, C J Morley, T J Cole, et al*
 121 Endoscopic retrograde cholangiopancreatography in infantile cholestasis *Mark L Wilkinson, Giordina Mieli-Vergani, Colin Ball, et al*
 124 Recurrent wheezy bronchitis and viral respiratory infections *J Mertsola, T Ziegler, O Ruuskanen, et al*
 130 Audit of results of operations for infantile pyloric stenosis in a district general hospital *C A Eriksen, C J Anders*
 Commentary—*E M Kiely*
 134 Longitudinal study of cholesterol values in 68 children from birth to 11 years of age *R Sporik, J H Johnstone, J J Cogswell*
 138 Severe hypophosphataemia during binge eating in anorexia nervosa *N Kaysar, J Kronenberg, M Polliack, et al*
 140 Mineral balance in infantile cortical hyperostosis: effects of corticosteroids *D G D Barr, N R Belton*
 143 Orocaecal transit time in Duchenne muscular dystrophy *Stanley H Korman, Benjamin Bar-Oz, Esther Granot, et al*
 145 Effects of maternal iodine supplementation during pregnancy *P O D Pharoah, K J Connolly*
 148 Nasogastric feeding at home: acceptability and safety *C E Holden, J W L Puntis, C P L Charlton, et al*
 152 Methaemoglobinemia after ingestion of amyl nitrite *R J Forsyth, A Moulden*
 153 Bleeding from duodenal lymphangiectasia *Vojislav N Perisic, George Kokai*
 155 Cardiac echinococcosis with fatal intracerebral embolism *Roger W Byard, Anthony J Bourne*

Controversy

- 157 Effect of the new GP contract on child health clinics *T D van Zwanenberg*
 159 Child health clinics *Kevin Bellis*

Current topic

- 162 European paediatrics—unity with diversity? *T L Chambers*

Current problem

- 164 Cognitive deficits in children treated for leukaemia *Christine Eiser*

- 169 Sister journals—Japan *Forrester Cockburn*

- 170 Letters to the editor

- 173 Book reviews

- 175 Meetings in 1991

- 176 Instructions to authors

No 1 JANUARY 1991

Editorial

- 177 Progress of a paper

Annotations

- 178 Asperger's syndrome
- Sula Wolff*
-
- 179 Possible aetiological factors in childhood leukaemia
- Eve Roman, Valerie Beral*

Original articles

- 181 Endotoxin induced damage to the cochlea in guinea pigs
- M J Tarlow, S D Comis, M P Osborne*
-
- 185 Clinical aspects of 100 patients with Kawasaki disease
- E J Tizard, A Suzuki, M Levin, et al*
-
- 189 Antiendothelial cell antibodies detected by a cellular based ELISA in Kawasaki disease
- E J Tizard, E Buguley, G R V Hughes, et al*
-
- 193 A new syndrome of congenital hypoparathyroidism, severe growth failure, and dysmorphic features
- S A Sanjad, N A Sakati, Y K Abu-Osba, et al*
-
- 197 Depot testosterone in boys with anorchia or gonadotrophin deficiency: effect on growth rate and adult height
- B Moorthy, Maria Papadopolou, D G Shaw, et al*
-
- 200 Correlation of serum antigen and antibody concentration with clinical features in HIV infection
- Maadhava Ellaurie, Arye Rubinstein*
-
- 204 Outcome among surviving very low birthweight infants: a meta-analysis
- Gabriel J Escobar, Benjamin Littenberg, Diana B Pettit*
-
- 212 Holidays and atopic eczema
- M A Turner, J Devlin, T J David*
-
- 216 Hydration in severe acute asthma
- P C Potter, M Klein, E G Weinberg*
-
- 220 Body water measurement in growth disorders: a comparison of bioelectrical impedance and skinfold thickness techniques with isotope dilution
- J W Gregory, S A Greene, C M Scrimgeour, et al*
-
- 223 Raised urinary secretory IgA in chronic diarrhoea
- A Prentice, D M Stirling, P B Sullivan, et al*
-
- 227 Handwashing and cohorting in prevention of hospital acquired infections with respiratory syncytial virus
- David Isaacs, Harriet Dickson, Chris O'Callaghan, et al*
-
- 232 Association between urinary symptoms at 7 years old and previous urinary tract infection
- A Hellström, E Hanson, S Hansson, et al*
-
- 235 Social environment and height: England and Scotland 1987 and 1988
- M C Gulliford, S Chinn, R J Rona*
-
- 241 Sucking on the 'emptied' breast: non-nutritive sucking with a difference
- Indira Narayanan, R Mehta, D K Choudhury, et al*
-
- 245 Physical activity patterns defined by continuous heart rate monitoring
- N Armstrong, S Bray*
-
- 248 Urinary 3-hydroxyproline excretion in Alport's syndrome: a non-invasive screening test?
- B Bartosch, W Vucudilik, C Popow, et al*
-
- 252 45,X/46,X dic (Y) mosaicism in a phenotypic male
- P J Batstone, M J W Faed, R T Jung, et al*
-
- 253 Congenital parvovirus infection
- I M R Wright, M L Williams, B J Cohen*

Rejoinder

- 255 Blue breath holding is benign
- J B P Stephenson*
-
- Reply—Cyanotic breath holding and sudden death
- M P Samuels, D G Talbert, D P Southall*

Personal view

- 259 Is Asperger's syndrome a useful diagnosis?
- A D Cox*

Personal practice

- 263 Accidental poisoning in children: can we admit fewer children with safety?
- J R Sibert, P A Routledge*

Definitions in research

- 267 Establishment of working definitions in nocturnal enuresis
- R J Butler*

Letters to the editor

- 274 Book reviews

Annotations

- 277 Gastro-oesophageal reflux and the lung
- Hamish Simpson, Fiona Hampton*
-
- 279 Investigation of rectal bleeding
- P A M Raine*
-
- 281 Conventional allergy tests
- T J David*
-
- 282 Job sharing
- E M Baidam, C I Ewing, R Jones, M Cummins*

Original articles

- 284 Factors influencing the outcome of congenital heart disease detected prenatally
- Gurleen K Sharland, Susan M Lockhart, Sunder K Chita, et al*
-
- 288 Preschool vision screening
- S N Jarvis, R C Tamhne, L Thompson, et al*
-
- 295 Intractable ulcerating enterocolitis of infancy
- I R Sanderson, R A Risdon, J A Walker-Smith*
-
- 300 Macromolecular absorption and cows' milk allergy
- P Juvonen, I Jakobsson, T Lindberg*
-
- 304 Prevalence and treatment of giardiasis in chronic diarrhoea and malnutrition
- P B Sullivan, M N Marsh, M B Phillips, et al*
-
- 307 Appendicitis in cystic fibrosis
- Michael D Shields, Henry Levison, Joseph J Reisman, et al*
-
- 311 Effect on intelligence of relaxing the low phenylalanine diet in phenylketonuria
- Isabel Smith, Martin G Beasley, Anthony E Ades*
-
- 317 Leukaemia mortality among relatives of cystic fibrosis patients
- L N Al-Jader, R R West, J A Holmes, et al*
-
- 320 Fetal phenytoin exposure, hypoplastic nails, and jitteriness
- S W D'Souza, I G Robertson, D Donnai, et al*
-
- 325 Certified cause of death in children and young adults with cerebral palsy
- P M Evans, E Alberman*
-
- 330 Peak expiratory flow rate and the acute chest syndrome in homozygous sickle cell disease
- E Frances Bowen, Jonathan G Crowston, Karel De Ceulaer, et al*
-
- 333 Varicella zoster virus DNA in throat swabs
- T Ozaki, H Miwata, Y Matsui, et al*
-
- 335 Staff training: a key factor in reducing intravascular catheter sepsis
- J W L Pantis, C E Holden, S Smallman, et al*
-
- 338 Evaluation of light microscopy to localise the site of haematuria
- B Rath, C Turner, B Hartley, et al*
-
- 341 Tolerance to somatostatin analogue in a preterm infant with islet cell dysregulation syndrome
- J M Hawdon, M P Ward Platt, W H Lamb, et al*
-
- 344 Ureteric sludge syndrome
- R Nicholson, I Hewitt, A Kam*
-
- 346 Pain and measles, mumps, and rubella vaccination
- Ronan Lyons, Fenton Howell*
-
- 347 Tuberculosis in a contact
- Andrew Busk, J O Warner*
-
- 348 Indwelling cannula for insulin administration in diabetes mellitus
- A M Long, I A Hughes*
-
- 350 Autoimmune Addison's disease and thyrotoxic thyroiditis presenting as encephalopathy in twins
- G A B Russell, J B S Coulter, D M Isherwood*

Audit

- 353 Audit and child and adolescent psychiatry *A R Nicol*

Personal view

- 357 Paediatricians and the new National Health Service *Cyril Chantler*

Regular review

- 361 Bacterial virulence: an environmental response *J Simon Kroll*

Current topic

- 364 HIV infection and haemophilia *P Jones*

- 369 Letters to the editor

- 370 Spring books

The paediatric departmental library *Graham Clayden*

Please note: an error occurred in the March issue and for papers on pages 284–343 and 353–368 the year and volume were incorrectly printed as 1990/65.

No 4 APRIL 1991

FETAL AND NEONATAL EDITION

Annotations

- 373 The use of plasma in the neonatal period *G McClure*
374 Is routine endotracheal suction justified? *William Tarnow-Mordi*

Original articles

- 376 Effects of hypoxaemia and bradycardia on neonatal cerebral haemodynamics *L Nicola Livera, S Andrew Spencer, Maureen S Thorniley, et al*
381 Apnoea, bradycardia, and oxygen saturation in preterm infants *C J Upton, A D Milner, G M Stokes*
386 Non-invasive assessment of pulmonary arterial pressure in healthy neonates *J R Skinner, R J Boys, S Hunter, et al*
391 Postnatal changes in cardiac output and haemorrhage in normal neonates born at full term *Verena H A Mandelbaum, Dale C Alverson, Annette Kirchgessner, et al*
395 Atrial natriuretic peptide and blood volume during red cell transfusion in preterm infants *W Rascher, N Lingens, M Bald, et al*
398 Fatal persistent pulmonary hypertension presenting late in the neonatal period *J Raine, A A Hislop, A N Redington, et al*
403 Trends in preterm survival and incidence of cerebral haemorrhage 1980–9 *R W I Cooke*
408 Survival and place of treatment after premature delivery *D Field, S Hodges, E Mason, et al*
412 The incidence of renal calcification in preterm infants *Andrew Short, Richard W I Cooke*
418 Birthweight ratio revisited *K G Brownlee, P C Ng, S H Roussounis, et al*
422 Iron supplementation, maternal packed cell volume, and fetal growth *Elina Hemminki, Ulla Rimpela*
426 Comparison of triggering systems for neonatal patient triggered ventilation *M F Hird, A Greenough*
429 Effect of body tilting on physiological functions in stable very low birthweight neonates *Heracles D Dellagrammaticas, John Kapetanakis, Maria Papadimitriou, et al*
433 Evaluation of computer generated neonatal discharge summaries *T Lissauer, C M Paterson, A Simons, et al*
437 Neonatal Haemophilus influenzae infections *A K Takala, E Pekkanen, J Eskola*
441 Neonatal diaphragmatic paralysis caused by chest drains *H Arya, J Williams, S N Ponsford, et al*
443 Ciliary beat frequency in newborn infants *C O'Callaghan, K Smith, M Wilkinson, et al*

Current topic

- 445 Surfactant treatment for premature babies—a review of clinical trials *C J Morley*

Regular review

- 451 Prenatal diagnosis of enzyme defects—an update *Bryan Winchester, Elisabeth Young*

Perinatal lesson from the past

- 455 Dr Charles West (1816–98) of London and the cold syndrome *P M Dunn*

No 4 APRIL 1991

Annotations

- 457 Implications of the Children Act for paediatricians *Marion Miles*
458 Social and emotional impact of childhood asthma *Andrew Nocon*
460 Hyperreflexia or stiff baby syndrome *C Tohier, J C Roze, A David, et al*

Original articles

- 462 Importance of 6-mercaptopurine dose in lymphoblastic leukaemia *J P Hale, J S Lilleyman*
467 Respiratory compliance in premature babies treated with artificial surfactant (ALEC) *C J Morley, A Greenough*
472 Lung function abnormalities at 6 months of age after neonatal intensive care *B Yuksel, A Greenough, S Green*
477 Day case ligation of patent ductus arteriosus in preterm infants: a 10 year review *Christopher R M Satur, Duncan R Walker, David F Dickinson*
481 Fiberoptic bronchoscopy without general anaesthetic *J Raine, J O Warner*
485 Features and outcome in meningococcal disease presenting with maculopapular rash *O Marzouk, A P J Thomson, J A Sills, et al*
488 Breast feeding and protection against neonatal sepsis in a high risk population *Rifat Nisar Ashraf, Fehmida Jalil, Shakila Zaman, et al*
491 Screening of diabetic children for coeliac disease with antigliadin antibodies and HLA typing *G Barera, C Bianchi, L Calisti, et al*
495 Energy content of stools in normal healthy controls and patients with cystic fibrosis *J L Murphy, S A Wootton, S A Bond, et al*
501 Urinary oxalate and glycolate excretion and plasma oxalate concentration *T M Barratt, G P Kasidas, I Murdoch, et al*
504 Major problems with paediatric bed usage statistics? *R MacFaul, R Long*
508 Changes in psychosocial adjustment after renal transplantation *J M Reynolds, M E Garraza, R J Postlethwaite, et al*
514 White sponge naevus and ocular coloboma *S Wright, I S Levy*
517 Gonadal function after allogeneic bone marrow transplantation for thalassaemia *V de Sanctis, M Galimberti, G Lucarelli, et al*
521 Development of night time temperature rhythms over the first six months of life *M Lodmore, S A Petersen, M P Wailoo*
525 Hypertension associated with increased renin concentrations in nephroblastoma *A B Khan, R Carachi, B J Leckie, et al*
527 Treatment of hyperkalaemia with intravenous salbutamol *I A Murdoch, R Dos Anjos, G B Haycock*

- 529 Nesidioblastosis: evidence for autosomal recessive inheritance *DA Woolf, JV Leonard, RC Trembath, et al*
 530 Increasing incidence of hypertrophic pyloric stenosis *PKH Tam, J Chan*
 532 High mebendazole doses in pulmonary and hepatic hydatid disease *J Messariakis, P Psychou, P Nicolaidou, et al*
 533 Familial growth hormone releasing factor deficiency in pseudopseudohypoparathyroidism *HF Stirling, DG D Barr, CJH Kelnar*
- Current problems**
 536 Implications of the Children Act 1989 for paediatric practice *SM Creney*
- Challenges**
 542 Maternal and child health problems in the USSR *AA Baranov*
- Current topic**
 546 Paediatric bone marrow transplantation using donors other than HLA genotypically identical siblings *JM Hows*
- Anatomy of change**
 551 Low birthweight infants: immediate feeding recalled *Pamela A Davies*
- Personal practice**
 554 When does an EEG contribute to the management of a febrile seizure? *Gregory Stores*
- 558 **Sister journals—Poland** *JA Kuzemko*
- 558 **Letters to the editor**
- 561 **Video and book reviews**

No 5 MAY 1991

- Annotations**
 565 Allergic rhinitis *CJ Trigg, RJ Davies*
 567 Routine measurement of blood pressure in schoolchildren *PN Houtman, MJ Dillon*
- Original articles**
 569 Oxygen saturation and breathing patterns in infancy.
 1: Full term infants in the second month of life *VA Stebbens, CF Poets, J R Alexander, et al*
 574 Oxygen saturation and breathing patterns in infancy.
 2: Preterm infants at discharge from special care *CF Poets, VA Stebbens, J R Alexander, et al*
 579 Airway response to exercise and methacholine in children with respiratory symptoms *JB Clough, SA Hutchinson, JD Williams, et al*
 584 Is low birth weight a risk factor for asthma during adolescence? *DS Seidman, A Laor, R Gale, et al*
 588 Long term follow up of renal function in IgA nephropathy *UB Berg*
 593 Renal histological changes in relation to renal function and urinary protein excretion in IgA nephropathy *UB Berg, S-O Bohman, U Widstam-Attorp*
 598 Changes in body composition and energy expenditure after six weeks' growth hormone treatment *JW Gregory, SA Greene, RT Jung, et al*
 603 Infantile meningitis in England and Wales: a two year study *J de Louvois, J Blackburn, R Hurley, et al*
 608 Increasing incidence of coeliac disease in Sweden *H Ascher, I Krantz, B Kristiansson*
 612 Glucose tolerance in cystic fibrosis *Susanne Lannig, Birger Thorsteinsson, Gunna Erichsen, et al*
 617 Mechanisms of gastro-oesophageal reflux in cystic fibrosis *S Cucchiara, F Santamaria, M R Andreotti, et al*
 623 Computed tomography of the brain in kwashiorkor: a follow up study *KC Househam*
 627 How mothers keep their babies warm *CJ Bacon, SA Bell, EE Clulow, et al*
 633 Delay in diagnosis of childhood asthma and its influence on respiratory consultation rates *Ian Charlton, Kevin Jones, John Bain*
 636 Septicaemia and adrenal haemorrhage in congenital asplenia *MP Dyke, RP Martin, PJ Berry*
 638 Malignant osteopetrosis: hypercalcaemia after bone marrow transplantation *PSM Rawlinson, RHA Green, AM Coggins, et al*
 639 Genetic aspects of admissions to a paediatric intensive care unit *DR FitzPatrick, CH Skeoch, J L Tolmie*
 641 Teratogenic effect of carbamazepine *V Vestermark, S Vestermark*
- Challenges**
 643 Providing medical care for children *David Hull*
- Personal practice**
 647 Supraventricular tachycardia: diagnosis and current acute management *Janice A Till, Elliot A Shinebourne*
- Current topic**
 653 Persistent infant crying *I St James-Roberts*
- Personal view**
 656 District handicap teams in England: 1983-8 *MCO Bax, Kingsley Whitmore*
- 665 **Sister journals—United States** *Harvey Marcovitch*
- 666 **Letters to the editor**
- 667 **Book reviews**

No 6 JUNE 1991

- Annotations**
 669 Monitoring TSH concentrations during treatment for congenital hypothyroidism *DB Grant*
 670 Pitfalls in the diagnosis of congenital diaphragmatic hernia *F Gleeson, L Spitz*
- Original articles**
 672 Hypoxaemia after nebulised salbutamol in wheezy infants: the importance of aerosol acidity *J Seidenberg, Y Mir, H von der Hardt*
 676 Home monitoring of transcutaneous oxygen tension in the early detection of hypoxaemia in infants and young children *Christian F Poets, Martin P Samuels, Jane P Noyes, et al*
 683 Changes in periurethral microflora after antimicrobial drugs *KJ Lidfeldt, I Bollgren, CE Nord*
 686 Evaluation of a pen injector system for growth hormone treatment *Peter D Gluckman, Wayne S Cutfield*
 689 Growth hormone treatment of growth failure secondary to total body irradiation and bone marrow transplantation *A Papadimitriou, M Uruena, G Hamill, et al*
 693 Asperger's syndrome: who is being abused? *M Perkins, SN Wolkind*
 696 Management of foreskin problems *PM Lafferty, FB MacGregor, WG Scobie*
 698 Prevalence of liver disease in cystic fibrosis *R Scott-Jupp, M Lama, MS Tanner*
 702 Imaging in influenza A encephalitis *SM Protheroe, DH Mellor*

- 706 Occurrence, clinical manifestations, and prognosis of Guillain-Barré syndrome *H Rantala, M Uhari, M Niemälä*
 Commentary — *C R Kennedy*
- 710 Miller-Dieker syndrome with ring chromosome 17 *N Sharief, J Craze, D Summers, et al*
- 713 Thrombosis in systemic lupus erythematosus: a French collaborative study *Marcela A Montes de Oca, Marie Claude Babron, Olivier Bléry, et al*
- 718 Perinatal hepatitis B virus infection caused by antihepatitis B positive maternal mononuclear cells *Hiroko Shimizu, Toshihiro Mitsuda, Shinji Fujita, et al*
- 722 Anticarbamazepine antibody induced by carbamazepine in a patient with severe serum sickness *Nozomi Hosoda, Wataru Sunaoshi, Hiroyuki Shirai, et al*
- 724 Pulse oximetry in acute asthma *J Bishop, T Nolan*
- 726 Intussusception in cystic fibrosis *M Holmes, V Murphy, M Taylor, et al*
- 727 Fatty infiltration in the liver in medium chain acyl CoA dehydrogenase deficiency *H C Losty, P Lee, M Alfaham, et al*
- 728 General practitioner training needs for child health surveillance *L C Goodhart*
- 730 Haem arginate in acute hereditary coproporphyria *D J Manning, T A Gray*
- 732 Cold agglutinins in haemophilic boys infected with HIV *P H B Bolton-Maggs, P D Rogan, J K M Duguid, et al*
- Current problem**
- 734 Day case treatment for children *Harvey Marcovitch*
- Current topic**
- 737 Childhood autism: its diagnosis, nature, and treatment *Sula Wolff*
- Regular review**
- 742 Chronic inflammatory bowel disease *I W Booth*
- Audit**
- 745 Outcome measures in child health *Stuart Logan*
- Letters to the editor**
- 754 **Sister journals—United States** *J W L Puntis*
- 755 **Equipment requirements for community based paediatric oxygen treatment** *Cheryl Angell*
- 756 **Instructions to authors**

FETAL AND NEONATAL EDITION

Original articles

- 757 Cost implications of different approaches to the prevention of respiratory distress syndrome *Miranda Mugford, James Piercy, Iain Chalmers*
- 765 Improvement of outcome for infants of birth weight under 1000 g *The Victorian Infant Collaborative Study Group*
- 770 Multicentre randomised controlled trial of high against low frequency positive pressure ventilation *Oxford Region Controlled Trial of Artificial Ventilation (OCTAVE) Study Group*
- 776 Factors associated with chronic lung disease in preterm infants *R W I Cooke*
- 780 Phosphorus metabolites in the human placenta estimated in vivo by magnetic resonance spectroscopy *A M Weindling, R D Griffiths, A S Garden, et al*
- 783 Temperature instability during nursing procedures in preterm neonates *Q Mok, C A Bass, D A Ducker, et al*
- 787 Site of upper airway obstruction in preterm infants with problematical apnoea *Nigel R Ruggins, A D Milner*
- 793 Gastro-oesophageal reflux in mechanically ventilated preterm infants *L Pradeaux, V Boggio, J B Gouyon*
- 797 Effect of intervention on development of hip posture in very preterm babies *J A Downs, A D Edwards, D C McCormick, et al*
- Commentary — *P M Dunn*
- 802 Doppler assessment of pulmonary artery pressure during recovery from hyaline membrane disease *N J Evans, L N J Archer*
- 805 Absent or reversed end diastolic flow velocity in the umbilical artery and necrotising enterocolitis *G Malcolm, D Elkwood, K Devonald, et al*
- 808 Fibrinolysis in cerebrospinal fluid after intraventricular haemorrhage *A Whitelaw, L Creighton, P Gaffney*
- 810 Erythropoietin responsive progenitors in anaemia of prematurity *A J B Emmerson, N B Westwood, R A Rackham, et al*
- Obstetrics for paediatricians**
- 812 Preterm prelabour rupture of membranes *David James*
- Current practice**
- 816 Antenatal diagnosis of inborn errors of metabolism *M A Cleary, J E Wraith*
- Current topic**
- 823 Computerised neonatal information systems *S A Spencer*
- Perinatal lessons from the past**
- 827 Dr Langdon Down (1828–1896) and 'mongolism' *P M Dunn*

Annotations

- 829 Cleft lip—is there light at the end of the tunnel? *S E Holder*
- 830 Adrenoleucodystrophy *S H Green*

Original articles

- 833 The reliability of height and height velocity in the assessment of growth (the Wessex Growth Study) *L D Voss, T J Wilkin, B J R Bailey, et al*
- 838 Growth prognosis and growth after menarche in primary hypothyroidism *S Pantiotiou, R Stanhope, M Uruena, et al*
- 841 Treatment of constitutional growth delay in prepubertal boys with a prolonged course of low dose oxandrolone *A Papadimitriou, S Wacharasindhu, K Pearl, et al*
- 844 Screening for familial hypercholesterolaemia by measurement of apolipoproteins in capillary blood *F Skovby, S Micic, B Jepsen, et al*
- 848 Gastro-oesophageal reflux and respiratory function in infants with respiratory symptoms *F J Hampton, U M MacFadyen, C S Beardmore, et al*
- 854 Vaccine efficacy and control measures in pertussis *Stephen R Palmer*
- 858 Acquired aplastic anaemia: still a serious disease *D K H Webb, I M Hann, J M Chessells*
- 862 Referrals to child psychiatry—a survey of staff attitudes *S Oke, R Mayer*
- 866 Children with pervasive refusal *B Lask, C Britten, L Kroll, et al*
- 870 Intestinal permeability after single dose gluten challenge in coeliac disease *L Greco, G D'Adamo, A Truscelli, et al*

No 7 JULY 1991

No 7 JULY 1991

- 873 Alteration of urinary carnitine profile induced by benzoate administration *Toru Sakuma*
 876 Clinical predictors and radiological reliability in atlantoaxial subluxation in Down's syndrome *K A Selby, R W Newton, S Gupta, et al*
 879 Subcutaneous or intramuscular insulin injections *C P Smith, M A Sargent, B P M Wilson, et al*
 883 Cytomegalovirus ileitis presenting as massive rectal bleeding in infancy *Boniface Kawimbe, Chris Bem, Prahlad Shripad Patil, et al*
 884 Scalp tumours mimicking encephaloceles *N P Mudden, R E Cudmore*
Current topics
 886 Epidemiology of hypochromic anaemia in young children *David Stevens*
 890 Accidents to children: the doctor's role. Education or environmental change? *J R Sibert*
Personal paper
 894 Paediatric care in general practice *Stuart Carne*
Personal practice
 900 Use of movement analysis in understanding abnormalities of gait in cerebral palsy *J H Patrick*
 Commentary—*R O Robinson*
 904 **Sister journals—United States** *E M E Poskitt*
 905 **Letters to the editor**
 909 **Book reviews**

No 8 AUGUST 1991

- 913 **James Spence Medallist 1991**
Annotation
 915 Effects of parental divorce on children *B Jane Elliott, Martin P M Richards*
Original articles
 917 Preschool vision screening in Cornwall: performance indicators of community orthoptists
R P L Wormald
 921 Audit from preschool developmental surveillance of vision, hearing, and language referrals *R J Rona, A Reynolds, M Allsop, et al*
 927 A special conditions register *C Woodroffe, A Abra*
 931 Prognosis of motor development and joint hypermobility *E Tirosh, M Jaffe, R Marmur, et al*
 934 Screening for undescended testes *Mala Rao, Julia Wilkinson, David C Benton*
 938 Multiple admissions under 2 years of age *N J Spencer, M A Lewis*
 941 Antigliadin and antiendomysium antibody determination for coeliac disease *A Bürgin-Wolff, H Gaze, F Hadzisehimovic, et al*
 948 Nebulised water as a bronchoconstricting challenge in infancy *Christopher O'Callaghan, A D Milner, M S C Webb, et al*
 952 Bronchial provocation determined by breath sounds compared with lung function *N Noviski, L Cohen, C Springer, et al*
 956 Compliance with treatment in asthma and Munchausen syndrome by proxy *V Godding, M Kruth*
 Commentary—*S R Meadow*
 961 Attitudes of paediatricians to HIV and hepatitis B virus infection *P W Buss, M McCabe, E R Verrier Jones*
 Commentary—*Leon Polnay*
 966 Progressive renal toxicity due to ifosfamide *D Heney, J Wheeldon, P Rushworth, et al*
 971 Colorectal neoplasia in juvenile polyposis or juvenile polyps *Francis M Giardiello, Stanley R Hamilton, Scott E Kern, et al*
 976 Sleeping position and rectal temperature *S A Petersen, E S Anderson, M Lodmore, et al*
 980 Parental permission, information, and consent *J M E Fell, G W Rylance*
 982 Dysequilibrium/ataxic diplegia with immunodeficiency *Richard L Soutar, Ruth E Day*
 983 Fulminant hepatitis B in an infant born to a hepatitis Be antibody positive, DNA negative carrier *J Vanclaire, C Cornu, E M Sokal*
 985 Long term survival after heart transplantation for doxorubicin induced cardiomyopathy *Maurizio Aricò, Elisa Pedroni, Luigi Nespoli, et al*
 986 Life threatening 'epilepsy' *D C Brown, M J Godman*
 988 Ultrafiltration for intractable ascites after liver transplantation *G Noble-Jamieson, N Jamieson, N D Barnes*
Current topics
 990 The Oregon formula: health economists' dream or Stalinist nightmare? *Richard Stevenson*
 994 Paediatric home care in the 1990s *D Lessing, M A Tatman*
International comparisons
 997 Health care of American children *Ross Mitchell*
 1000 **Sister journals—Scandinavia** *Stephen J Rose*
 1001 **Letters to the editor**
 1005 **Book reviews**
 1008 **British paediatrics**

No 9 SEPTEMBER 1991

- Annotations**
 1009 Does cytomegalovirus present an occupational risk? *Pai Tookey, Catherine S Peckham*
 1011 Aetiology of malocclusion of the teeth *B C Leighton*
Original articles
 1013 Heart-lung transplantation: all the facts *J O Warner*
 Commentary—*Peter Helms*
 1018 Heart-lung transplantation for cystic fibrosis.
 1: Assessment *B Whitehead, P Helms, M Goodwin, et al*
 1022 Heart-lung transplantation for cystic fibrosis.
 2: Outcome *B Whitehead, P Helms, M Goodwin, et al*
 Commentary—*J O Warner*
 1027 Olivopontocerebellar atrophy of neonatal onset and disialotransferrin developmental deficiency syndrome
S P Horslen, P T Clayton, B N Harding, et al
 1033 Normal postnatal androgen production and action in isolated micropenis and isolated hypospadias *B A J Evans, D M Williams, I A Hughes*

- 1037 A dose ranging study of ibuprofen suspension as an antipyretic *S C Marriott, T J Stephenson, D Hull, et al*
 Commentary—*D P Addy*
 Reply to the commentary
- 1043 Evaluation of paediatric intensive care in a regional centre *J McAloon, P Crean, J Jenkins, et al*
- 1047 Accidents on hospital wards *S Levene, G Bonfield*
- 1050 Natural history of asthma in childhood—a birth cohort study *R Sporik, S T Holgate, J J Cogswell*
- 1054 Lipoprotein (a) concentrations as risk indicators for atherosclerosis *G M Kostner, A Czinner, K H Pfeiffer, et al*
- 1057 Panniculitis: a report of four cases and literature review *S M Randle, M B Richter, R G Palmer, et al*
- 1061 Effect of salbutamol on oxygen saturation in bronchiolitis *Ling Ho, G Collis, L I Landau, et al*
- 1065 Ultrasonography to diagnose and exclude intussusception in Henoch-Schönlein purpura *S C Hu, M S Feeney, M McNicholas, et al*
- 1068 Outcome of confirmed symptomatic congenital cytomegalovirus infection *Mary E B Ramsay, Elizabeth Miller, Catherine S Peckham*
- 1070 Partial splenectomy in sickle cell syndromes *A Nouri, M de Montalembert, Y Revillon, et al*
- 1073 Focal nodular hyperplasia of the liver: a link with sickle cell disease? *N D Heaton, J Pain, N C Cowan, et al*
- 1075 Oxygen saturation in cystic fibrosis *M Betancourt, G Slade, R Dimondie*
- 1077 Baby Check and the Avon infant mortality study *T J Cole, R E Gilbert, P J Fleming, et al*
- 1078 Guillain-Barré syndrome in three siblings less than 2 years old *Gad Bar-Joseph, Amos Etzioni, Jeshaihu Hemli, et al*
- 1080 Encephalomyelitis with seroconversion to *Listeria monocytogenes* *P Baxter, D Gardner-Medwin, D Bates, et al*
- 1081 No sensory neuropathy during pyridoxine treatment in homocystinuria *C Mofu, S M Alani, C Whitehouse, et al*
- 1083 Typhoid fever, ciprofloxacin, and renal failure *J Simpson, A R Watson, A Mellersh, et al*
- Current topics**
- 1085 How can the work of junior paediatricians be reduced? *C M McKee, P Priest, M Ginzler, et al*
- 1090 Radiotherapy in paediatric practice *E J Chambers*
- Personal practice**
- 1093 Quality assurance in the emergency room *Frank Oberklaid, Peter Barnett, Frederick Jarman, et al*
- 1099 **Letters to the editor**

FETAL AND NEONATAL EDITION

Original articles

- 1105 Cerebral blood flow velocity changes after rapid administration of surfactant *F Cowan, A Whitelaw, D Wertheim, et al*
- 1110 Hypocapnia and cerebral ischaemia in hypotensive newborn piglets *A Whitelaw, B R Karlsson, K Haaland, et al*
- 1115 Effects of intrauterine growth retardation on postnatal visceral and cerebral blood flow velocity *S T Kempley, H R Gamsu, S Vyas, et al*
- 1119 Global and depth resolved phosphorus magnetic resonance spectroscopy to predict outcome after birth asphyxia *J Moorcraft, N M Bolas, N K Ives, et al*
- 1124 Otoacoustic emissions and auditory brainstem responses in the newborn *C R Kennedy, L Kimm, D Cafarelli Dees, et al*
- 1130 Neonatal at risk screening and the identification of deafness *P M Watkin, M Baldwin, G McEnery*
- 1136 Impact of sleep and movement on gastro-oesophageal reflux in healthy, newborn infants *Heather E Jeffery, Helen J Heacock*
- 1140 Patient triggered ventilation using a flow triggered system *M F Hird, A Greenough*
- 1143 Cardiac anomalies complicating congenital contractural arachnodactyly *Andrew J Macnab, Luigi D'Orsogna, David E C Cole, et al*
- 1147 Amniotic fluid *N*-acetyl- β -D-glucosaminidase activity and renal abnormalities *Ekkehard Ring, Hans Hofmann, Wolfgang Erwa, et al*
- 1150 Factors influencing plasma renin and renin substrate in premature infants *T J Stephenson, F Broughton Pipkin, A C Elias-Jones*
- 1155 Diamorphine infusion in the preterm neonate *A C Elias-Jones, D A Barratt, N Rutter, et al*
- 1158 Imaging of neonatal arterial thrombosis *François Gudinchet, Jean-Luc Dreyer, Maurice Payot, et al*
- 1160 Intermittent fetal tachycardia and fetal hydrops *J S Smolenic, R Martin, D K James*
- 1162 Family implications of neonatal Gorlin's syndrome *D G R Evans, D G Sims, D Donnai*
- 1164 Gastrointestinal perforation in preterm babies treated with dexamethasone for bronchopulmonary dysplasia *P C Ng, K G Brownlee, P R F Dear*
- Obstetrics for paediatricians**
- Premature labour *Philip J Steer*
- Perinatal lessons from the past**
- Dr Nils Rosen (1706–1773): the father of paediatrics in Sweden *P M Dunn*

No 10 OCTOBER 1991

Annotations

- 1173 Use of antiepileptic drugs in childhood epilepsy *N V O'Donohoe*
- 1175 Transoesophageal echocardiography: a new diagnostic method in paediatric cardiology *Oliver Stümper*
- 1177 Jaundice at 14 days of age: exclude biliary atresia *M Hussein, E R Howard, G Mieli-Vergani, et al*

Original articles

- 1180 Does growth hormone treatment improve final height attainment of children with intrauterine growth retardation? *R Stanhope, M A Preece, G Hamill*
- 1184 Effect of obesity on endogenous secretion of growth hormone in Turner's syndrome *P W Lu, C T Cowell, M Jimenez, et al*
- 1191 Autosomal recessive hypoparathyroidism with renal insufficiency and developmental delay *N J Shaw, D Haigh, G T Lealman, et al*
- 1195 Bone marrow transplantation in sickle cell anaemia *Ch Vermeylen, G Cornu, M Philippe, et al*
- 1199 Respiratory rate: measurement of variability over time and accuracy at different counting periods *E A F Simoes, R Roark, S Berman, et al*
- 1204 Asthma severity at night during recovery from an acute asthmatic attack *E W Hoskyns, D M Heaton, C S Beardsmore, et al*
- 1209 Effect of controlled release salbutamol on nocturnal cough in asthma *E W Hoskyns, A Thomson, E Decker, et al*
- 1213 Prediction of blood pressure from plasma renin activity in reflux nephropathy *H Jardim, V Shah, J M Savage, et al*
- 1217 Absence from school related to cancer and other chronic conditions *A Charlton, I J Larcombe, S T Meller, et al*
- 1223 Neural tube defects, maternal cohorts, and age: a pointer to aetiology *J P Bound, B J Francis, P W Harvey*
- 1227 Retropharyngeal abscess *Mark Coulthard, David Isaacs*

No 10 OCTOBER 1991

- 1231 Prostacyclin concentrations in haemolytic uraemic syndrome after acute shigellosis in children *A N Alam, N M Abdal, M A Wahed, et al*
- 1235 HIV-1 infection in perinatally exposed siblings and twins *M de Martino, P-A Tovo, L Galli, et al*
- 1239 Coroners' records of accidental deaths *Sara Levene*
- 1242 Herpes simplex encephalitis with relapse *M G Pike, C R Kennedy, B G R Neville, et al*
- 1245 Cognitive function after two doses of cranial irradiation for acute lymphoblastic leukaemia *J Rodgers, P G Britton, J Kernahan, et al*
- 1246 Congenital neuroblastoma presenting with paraplegia *Fraser D Munro, Robert Carachi, Alasdair H B Fyfe*
- 1247 Omenn's disease *M P Dyke, N Marlow, P J Berry*
- 1249 Outcome in tyrosinaemia type II *D G D Barr, J M Kirk, S C Laing*

Current topics

- 1251 Immunisation of infants against *Haemophilus influenzae* type b in the UK *R Booy, E R Moxon*
- 1255 Child poverty and deprivation in the UK *N J Spencer*
- 1258 Letter from Romania *Ian McKinlay*

- 1260 Sister journals—United States *J G Bissenden*

- 1261 Letters to the editor

- 1263 Autumn books

No 11 NOVEMBER 1991

Annotations

- 1269 Smoking in children *W W Holland, B Fitzsimons*
- 1270 Acute appendicitis in the preschool child *N Williams, L Kapila*
- 1272 Screening for neuroblastoma *S N Huddart, J R Mann*

Original articles

- 1275 Height reduction in 539 tall girls treated with three different dosages of ethinyloestradiol *E K Normann, O Trygstad, S Larsen, et al*
- 1279 Cyclical disturbance of diabetic control in girls before the menarche *K G E Brown, C W Darby, S H Ng*
- 1282 Imaging in urinary tract infection *F V Gleeson, I Gordon*
- 1284 Covert bacteriuria: long term follow up *V K Aggarwal, K Verrier Jones, A W Asscher, et al*
- 1287 Urinary tract infections in febrile convulsions *P Lee, K Verrier Jones*
- 1291 Maternal and fetal influences on blood pressure *C M Law, D J P Barker, A R Bull, et al*
- 1296 Deficiency of prostacyclin production in meningococcal shock *R S Heyderman, N J Klein, G I Shennan, et al*
- 1300 Hyperganglionosis mimicking Hirschsprung's disease *Anna C Athow, M Isabel Filipe, D P Drake*
- 1304 Trends in prevalence and survival of very low birthweight infants, England and Wales: 1983-7 *Eva Alberman, Beverley Botting*
- 1309 What do parents expect antenatally and do babies teach them? *E Delight, J Goodall, P W Jones*
- 1315 Inherited metabolic diseases in the sudden infant death syndrome *J B Holton, J T Allen, C A Green, et al*
- 1318 Transoral decompression and posterior stabilisation in Morquio's disease *J Ashraf, H Alan Crookard, Andrew O Ransford, et al*
- 1322 Complications of splintage in congenital dislocation of the hip *V G Langkamer, N M P Clarke, P Witherow*
- 1326 A practical method of serial bedside measurement of cerebral blood flow and metabolism during neurointensive care *P M Sharples, A G Stuart, A Aynsley-Green, et al*
- 1333 Sleep related upper airway obstruction in a cohort with Down's syndrome *Valerie A Stebbens, Jennifer Dennis, Martin P Samuels, et al*
- 1339 New insights on gastro-oesophageal reflux in cystic fibrosis by longitudinal follow up *A Malfroot, I Dab*
- 1346 Pregnancy in phenylketonuria: dietary treatment aimed at normalising maternal plasma phenylalanine concentration *Geoffrey N Thompson, Dorothy E M Francis, Denise M Kirby, et al*
- 1350 Subdural fat effusion complicating parenteral nutrition *A Rushforth, M A Green, M I Levene, et al*
- 1351 A national survey of nebuliser use *Helena J Childs, Carol A Dezateux*
- 1353 Familial infantile oesophageal achalasia *T K Kaar, R Waldron, M S Ashraf, et al*

Statistics from the inside

- 1355 1. Populations and samples *M J R Healy*

Challenges

- 1357 Paediatric care in the United States *Laurence Finberg*

Current topic

- 1359 Lyme disease in paediatrics *B Cryan, D J M Wright*

- 1364 Sister journals—France *David H Mellor*

- 1365 Letters to the editor

- 1367 Book reviews

No 12 DECEMBER 1991

Annotations

- 1369 Kawasaki disease: recent advances *Michael Levin, E Jane Tizard, Michael J Dillon*
- 1372 Imaging in congenital deafness *Rachel R Phillips, Peter D Phelps*

Original articles

- 1375 Cranial magnetic resonance imaging in patients with tuberous sclerosis and normal intellect *David W Webb, J L G Thomson, J P Osborne*
- 1378 IgG subclass specific antibody response in recurrent bronchitis *F de Baets, R Pauwels, I Schramme, et al*
- 1383 Ultrathin flexible bronchoscopy in neonatal intensive care units *Jacques de Blic, Christophe Delacourt, Pierre Scheinmann*
- 1386 Iron status, energy intake, and nutritional status of healthy young Asian children *M B Duggan, G Steel, G Elwys, et al*
- 1390 Diet and faecal flora in the newborn: iron *S E Balmer, B A Wharton*
- 1395 Intraluminal biliary obstruction *N D Heaton, M Davenport, E R Howard*
- 1399 Compliance assessed by the Medication Event Monitoring System *N F Olivieri, D Matsui, C Hermann, et al*
- 1403 Impaired pubertal growth in acute lymphoblastic leukaemia *M Uruena, R Stanhope, J M Chessells, et al*
- 1408 Frequent symptoms after DTPP vaccinations *Petronella L Verschoor, Jeanette T Wilschut, Guus A de Jonge, et al*
- 1413 Enhanced thrombin generation in patients receiving intensive care *Ganapathy Balakrishnan, Joyce Brownlie, Richard Webber, et al*
- 1416 Troublesome crying in infants: effect of advice to reduce stimulation *Sheila McKenzie*

- 1421 Differences in postperinatal infant deaths between North and Southern Derbyshire *Mary Newlands, Elizabeth Adamson, Sara Ghulam, et al*
- 1426 Long term health implications of fitness and physical activity patterns *C Riddoch, J M Savage, N Murphy, et al*
- 1434 Effects of oral phosphocysteamine and rectal cysteamine in cystinosis *W G van't Hoff, T Baker, R N Dalton, et al*
- 1438 Autonomic dysfunction and severe hypoglycaemia in insulin dependent diabetes mellitus *L Barkai, L Madácsy, I Vámosi*
- 1442 Intraosseous infusion for resuscitation *I G Ryder, H M Munro, I J M Doull*
- 1443 Meningitis caused by human herpesvirus-6 *Li-Min Huang, Chin-Yun Lee, Ping-Ing Lee, et al*
- 1444 Severe nephropathy in three adolescents with cystic fibrosis *M L Melzi, D Costantini, M Giani, et al*
- 1447 Nutritional manipulation in the management of dumping syndrome *Vikram Khoshoo, Ram M Reifen, Ben D Gold, et al*
- 1449 Pigmented villonodular synovitis *Uri Givon, Abraham Ganel, Michael Heim*
- Historical review**
- 1451 Helen Mackay and anaemia in infancy—then and now *David Stevens*
- Personal practice**
- 1454 Management of intractable epilepsy *J H Livingston*
- Statistics from the inside**
- 1457 2. Significance tests *M J R Healy*
- Current topic**
- 1459 Adolescent psychoses: treatment and service provision *W L I Parry-Jones*
- Referees and staff**
- 1465 **Letters to the editor**
- 1468 **Index**